									*			DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	COI	NFORM	MANCE / UP	DATE		QA Closed:	Date:	3 .
Work Ord	٥					DISPOSITION				AGAI	NST DE	PARTMENT		
Part I	No.					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining Moforming Large Fab	Crosst Small Finish Compo	Fab ning		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
							J				J. C.			J L_3
Root						otion of work order update		Initial	Ac	tion		Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verification	QC Inspector
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Equip/Tooling	Ш													
Operator	Ш							ļ						
Material			1											
Setup														
Other											•			
Process							İ	•, •						
Supplier								₹						
Training						•								
Unapproved														
						F	AUL	T CATE	GORY					•
Landi	ng (Gear				General								
		Bending				Bend		Grain				Ovalized		Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re			Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete			Part Incorre	ct	Weld
	\Box	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear		Part Lost/Mi	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte				Part Moved	<u> </u>	_
•		Heat Trea	t			Countersink		Mislabe			<u> </u>	Positioned V	Vrong	
		Inspection	n Strip in	Tube		Cut Too Short		Misread			<u> </u>	Power Loss/		Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

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Work Orde <i>July-19-12 9:54</i>		471		*874	171*							Page 2
Item ID: Revision ID:	D350-749-01	15	<i>t</i>	Accept	*N9000	1401	l	*	Setup	Start	*N:	S1*
Item Name:	Low to High (Gear Conversion								Stop	*N:	S2*
Start Date: Required Date:	7/10/12 8/10/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item ID Customer:) :						
Reference: Approvals:	Process Pla	nn:	Date:	Tooling:	Dat	te•		:	Run	Starí	*N	R1*
турргочиня.					Dat					Stop	*N	R2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID		Plan Code	Accept Qty/	Rej Qty		Reject Number	Insp. Stamp
130 Packaging		Packaging Memo		0.00	50	P			{	5	P	12/09
Packaging		Identify and Location:_ PPP Rev:_ "NO DART **ATTN: A	pack for shipping as pack for shipping as pack for a fact for a fa	QUIRED" OCOPTER ARC AND								ι Λ
140		QC21- Final Inspection	- Work Order Release	0.00					1	- 1	a 1.	a N
*14 0 *		Memo		0.00			i		_Ve	21'	111.	8 4
Quality Control					ř							, ,

112-09-18

											DQA:	Date:	÷
NCR:	es ,	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UPDA	ATE		· · · · · · · ·	٠.
											QA Closed:	Date:	
Work Orde	or.					DISPOSITION			. '	AGAINST DEF	PARTMENT	/PROCESS	•
Work Orac	- ``					Rework	1		Skid-tube	Crosstube		Water Jet	Engineering
Part N	Vo.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
						Use-as-is	1		noforming	Finishing		re/Packaging	Other
NCR N	۱o					Work Order Update			Large Fab	Composite		Supplier	
D4	Т				Danni				A -1:-		C: 0		
Root Cause		Date	Step	Qty	i .	ption of work order update or Non-conformance	l	nitial iief Eng	Actior Descript	ŧ	Sign &	Verification	OC Inspector
	_	Date	step	Qty		or won-conformance	Cn	iler Eng	Descript	tion	Date	verification	QC Inspector
Doc/Data	\dashv												
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Unapproved			<u> </u>		<u> </u>		<u> </u>	T CATE	COBA				
Landi	ng Ge	ear				General		.i CAIL	<u> </u>				
		Bending			Γ-	Bend		Grain			Ovalized		Pressure/Forced
		entre No	ot Concer	ntric to	o/s	BOM/Route	Ė-	Hardwa	re	}	Over/Under		Temperature/Cure
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	_	crushed/0	Crimped.			Burrs	-	•	ions Incomplete/Unc		Part Lost/Mi		Wrong Stock Pulled
	_	uffs	F - #.			Contamination	-	Mainte	•	— —	Part Moved		The stock runeu
	—	leat Trea	t		<u> </u>	Countersink	-	Mislabe	*	}i	Positioned V	Vrong	
	-	nspection		Tube		Cut Too Short	\vdash	Misread			Power Loss/	_	Other
1		•	•										

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

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• July-19-12 9:54:19 AM

Work Order ID:

87471

Parent Item:

D350-749-015

Parent Item Name:

Low to High Gear Conversion

Start Date: 7/10/12

Required Date: 8/10/12

Start Qty: 1.00

Required Qty: 1.00

Tarent Item Name. Down to Might Court	0011101011						~-	and Quye and		
Comments: IPP Rev:A New			erified by: LL	•		TT '4 . C	04	O	O. D.	Status
Component Item ID/ Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit Total	Qty Date Issued Issued	
350,441-1088-20 STRIP, CHAFING, UPPER	Purchased	No			110	Each	4.0000	24122788	JgB_	S
*			Location		Loc Qty	Lo	oc Code		0	•
.			ST372		4					
			121	159	4			24-12/159		M)
350A41-1090-20 STRIP, CHAFING, LOWER FRONT	Purchased	No			110	Each	2.0000	2	28	2
¥			Location		Loc Qty	Lo	oc Code			4/1
			ST372		2					
(121	159	2			-1-21159		^
STRIP, CHAFING, LOWER REAR	Purchased	No			110	Each	2.0000	2	30	S
			Location		Loc Oty	Le	oc Code			1 /
			ST370		2				:	
)				159	2			1-21159		^
350A41-1092-22 SHALF CLAMP	Purchased	No			110	Each	4.0000	4	133	_5
			Location		Loc Qty	L	oc Code			
			ST374		4			•		Λ
	6		and the second second	159	4			121129	•	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Purchased	No			110	Each	2.0000	2		///ل
SCREW	Turchasea								78.	<u> </u>
	•		Location		Loc Qty	L	oc Code		V	•
	. •		ST367	•	2					. ~
į .				159	2		•	121159		
23112TK080X	Purchased	No			110	Each	2.0000		Via	22/
WASHER	ruichaseu	- 1-	,						JB	12/09/1
			Location		Loc Qty	L	oc Code			′ /
			ST367		2		<u></u>	4		•
				159	2			12/159		
					_					

NCR:	Yes	/	No
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											•	DQA:	Date:	**
NCR:	Yes	/ No					WORK ORDER NON-C	100	NFORM	ANCE / UPD	ATE	•		•
										•		QA Closed:	Date:	
Vork Ord	er.						DISPOSITION				AGAINST DE	PARTMENT/	PROCESS	•
VOIR OIG	C1.					1	Rework	1		Skid-tube	Crosstube	, 	Water Jet	Engineering
Part	Nο					ı	Scrap			Machining	Small Fab	Proc	l. Eng. Coor.	Quality
			· -		<u></u>	١	Use-as-is			noforming	Finishing		e/Packaging	Other
NCR	No.						Work Order Update			Large Fab	Composite		Supplier	1 1
							,	J					, ,	
Root					Desc		tion of work order update	1	nitial	Acti		Sign &		
Cause		Date	Step	Qty		0	r Non-conformance	Ch	ief Eng	Descri	iption	Date	Verification	QC Inspector
oc/Data														
uip/Tooling														
perator	_													
laterial														
etup														
ther														
rocess														*
upplier	_													
raining							•							
napproved		<u>. </u>		<u> </u>										
		<u> </u>						AUL	T CATE	GORY				
Landi	ng (1			Г		General	_	١			1	· ·	- -
	<u> </u>	Bending			_ <u> </u>	~	Bend	<u> </u>	Grain		<u> </u>	Ovalized	-	Pressure/Forced
	┝	Centre No	t Concer	ntric to	0/5	-	BOM/Route	-	Hardwa		<u> </u>	Over/Under	 	Temperature/Cure
	\vdash	Cracks			-	-	Broken/Damaged	<u> </u>	1 '	on Incomplete		Part Incorred	<u> </u>	Weld
	<u> </u>	Crushed/C	rimped.		-		Burrs	-	1	ions Incomplete/U	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	 						Contamination	<u> </u>	Mainte		<u> </u>	Part Moved		
	Heat Treat Countersink							\vdash	Mislabe		<u> </u>	Positioned V	_	7
	Inspection Strip in Tube Cut Too Short							\vdash	Misread	I		Power Loss/	Surge	Other
	Ripples in Bend Drill Holes							Offset						
	Torque Waves in Extrusion Drawing							Out of Calibration						
	Turning Sequence Finish							Out of Sequence						
	Wave/Twist in Tube Folio						Folio	1	Outside Dimensions					

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Picklist Print

• Júly-19-12 9:54:19 AM

Work Order ID:	87471									,
Parent Item:	D350-749-015					Start	Date: 7/10/12		Required Date: 8/10/12	
Parent Item Name:	Low to High Gear Conversion	•				Star	t Qty: 1.00		Required Qty: 1.00	
ASN52320BH120N NUT	Purchased	No		110	Each	10.0000	22.2	2	JB	5
N. Committee of the com			Location	Loc Oty		Loc Code			V	
			ST369 120055 121159	10 5 5.			1200	<u>5</u> 5	,	54
22201ji k060070X SGREW	Purchased	No	.2,	110	Each	2.0000		2	JB 12/	109/12
			Location	Loc Oty		Loc Code				-
			ST367 121159	2 2			1211	19		

											DQA:	Date:	
NCR:	Yes	/ No			•	WORK ORDER NON-O	100	NFORM	AANCE / UPE	DATE			\$.
											QA Closed	: Date:	
Work Ord	er.					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	¥
Part I	No.					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet od. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		nitial	Act	ion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Descr	iption	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator													
Material										•			
Setup						•							
Other													
Process							1		ı				
Supplier							İ						
Training										· ·			
Unapproved													
		 				F	AUL	T CATE	GORY				
Landi	ng (Sear				General	_						_
		Bending				Bend	L	Grain		<u> </u>	Ovalized		Pressure/Forced
		Centre No	ot Concer	tric to	o/s	BOM/Route		Hardwa	re	<u> </u>	Over/Unde	r tolerance	Temperature/Cure
'		Cracks				Broken/Damaged		Inspecti	on incomplete		Part Incorre	ect	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/L	Inclear	Part Lost/N	lissing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance	Γ	Part Moved	·	-
		Heat Trea	it .			Countersink		Mislabe	led	Γ	Positioned	Wrong	_
		Inspection	n Strip in	Tube		Cut Too Short		Misread	I		Power Loss	/Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

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Qty -011	Qty -013	Qty 015	Qty -021	Qty -023	Qty -031	Qty -033	Part Number	Description
X		1					D350-749-011	LANDING GEAR KIT HIGH, AERAZUR / APICAL CYLINDRICAL FLOAT COMPATIBLE
	х						D350-749-013	LANDING GEAR KIT HIGH, AIRCRUISER / APICAL TRI-BAG FLOAT COMPATIBLE
		x					D350-749-015*	STANDARD TO HIGH GEAR CONVERSION KIT
		1	X				D350-749-021	LANDING GEAR KIT HIGH, AERAZUR / APICAL CYLINDRICAL FLOAT COMPATIBLE W/ RUN-ON LANDING WEARPLATE
		1 -		X			D350-749-023	LANDING GEAR KIT HIGH, AIRCRUISER / APICAL TRI-BAG FLOAT COMPATIBLE W/ RUN-ON LANDING WEARPLATE
		1			<u>x</u>		D350-749-031	LANDING GEAR KIT HIGH, AERAZUR / APICAL CYLINDRICAL FLOAT COMPATIBLE W/ DELUXE SKIDTUBES
	-	+				X	D350-749-033	LANDING GEAR KIT HIGH, AIRCRUISER / APICAL TRI-BAG FLOAT COMPATIBLE W/ DELUXE SKIDTUBES
				1				
1	1		1	1	1-1-	1	D350-748-101	CROSSTUBE INSTALLATION, AS 350/355 HIGH FWD
1	1	1	1	1	1	1	D350-748-201	CROSSTUBE INSTALLATION, AS 350/355 HIGH AFT
		•						
1		t					D350-636-011	SKIDTUBE INSTALLATION, LH, STD
•	1	1					1	AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
1	· · · · · · · · · · · · · · · · · · ·					1	D350-636-012	SKIDTUBE INSTALLATION, RH, STD
	1			1	1			AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
	1						D350-636-013	SKIDTUBE INSTALLATION, LH
		1		Į.	1	ļ	!	AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE
	1						D350-636-014	SKIDTUBE INSTALLATION, RH
		i l			ł		Į.	AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE
	1	i i	1				D350-636-015	SKIDTUBE INSTALLATION, LH, STD
	l	1			ł		I	AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE WITH RUN-ON LANDING WEARPLATE
		T .	1	1			D350-636-016	SKIDTUBE INSTALLATION, RH, STD
		1		i		ł	1	AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE WITH RUN-ON LANDING WEARPLATE
		T		1			D350-636-017	SKIDTUBÉ INSTALLATION, LH
	L	i		ļ				AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE WITH RUN-ON LANDING WEARPLATE
		1		1			D350-636-018	SKIDTUBE INSTALLATION, RH
	l	1						AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE WITH RUN-ON LANDING WEARPLATE
					1		D350-636-215	SKIDTUBE INSTALLATION, LH, STD
					<u> </u>			AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE DELUXE
		1			1	1	D350-636-216	SKIDTUBE INSTALLATION, RH, STD
		ļ		1	1	-		AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE DELUXE
	1	1	1		ł	1	D350-636-217	SKIDTUBE INSTALLATION, LH
	ļ					ļ	ļ	AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE DELUXE
	i			1	1	1	D350-636-218	SKIDTUBE INSTALLATION, RH
				1	ļ	1	<u> </u>	AIRCRUISER/APICAL TRI-BAG FLOAT COMPATIBLE DELUXE
	1	1			ļ	 		
	ļ <u> </u>	C4	=	1		-	-350A41-1088-20	STRIP, CHAFING, UPPER
		-2	-				350A41-1090-20	STRIP, CHAFING, LOWER, FRONT
		f2		-			350A41-1089-20	STRIP, CHAFING, LOWER, REAR
	1	4.4	L	<u> </u>	ļ	1	350A41-1092-22	> HALF, CLAMP
	<u> </u>	12		J	L		22201TK080018X	- SCREW
		-2-	L				-23112TK080X	WASHER
		[2		1			ASN52320BH120N	NUT [*]
	1	-22	1	1	1	1	22201TK060070X	SCREW



*ADDITIONAL PARTS ARE REQUIRED WHEN SWITCHING FROM STANDARD TO HIGH GEAR ON AS350/355 AIRCRAFT. CUSTOMERS WHO ARE SWITCHING FROM STANDARD TO HIGH GEAR CAN PROCURE THE D350-749-015 CONVERSION KIT.

В

С	ADD -0	21/ -023/ -03	1 /-033 KITS	RF	11.09.26					
В		350-749-015 ARD TO HIG	KIT FOR H GEAR CONVERSION	РН	08.02.08					
Α_	NEW IS	SSUE		CP	06.09.07					
REV.			DESCRIPTION	BY	DATE					
DESIGN		9	DART AERO	SPACE	LTD					
DRAW!!		RF		HAWKESBURY, ONTARIO, CANADA						
CHECK	ĒD	##	DRAWING NO.		REV. C					
MFG. AF	PR.	Ň/Ą	D350-749	5	HEET 1 OF 1					
APPRO	VED	#	TITLE		SCALE					
DE APP	R.	#	LANDING GEAR KITS							
DATE	11.0	9.26	COPYRIGHT © 2006 BY THIS DOCUMENT IS PRIVATE AND COMPIDENTIAL AND INDITED TO BE USED FOR ANY PURPOSE OR COPIED OR	SUPPLIED ON THE EXPRES	S CONDITION THAT IT IS					

DART SERVICE INSTRUCTION APPLICABLE TO ALL DART AS350B3 PRODUCT

Purpose:

To confirm applicability of Dart STC product to the AS350B3e

Discussion:

Per EASA TCDS.R.008 Issue 5 dated June 17, 2011:

"The AS350B3 model a/c, which type design incorporates the following modifications:

a) OP-4305 (Arriel2D engine installation), and additionally

b) 07-5601 (Tail rotor control mechanism modification)

c) 07-5600 (Tail rotor blade reinforcement)

d) 07-8551 (Tail Gear Box control lever modification)

has a commercial designation <AS350B3e>"

Conclusion:

The AS350B3e is a commercial designation of the AS350B3 and not a new aircraft type. The changes described above do not affect the existing Dart Aerospace Ltd. product line for the AS350B3. Therefore, all Dart Aerospace Ltd products which are approved on the AS350B3 are also approved on the AS350B3e.

Α	NEW ISS	SUE		RF	11.08.03					
REV.			DESCRIPTION	BY	DATE					
DESIG	V	DS	DART AEROSPACE LTD							
DRAWI	V	RF	HAWKESBURY, ONTARIO, CANADA							
CHECK	ED	d -	DRAWING NO.							
MFG. A	PPR.	N/A	DSI 9568		SHEET 1 OF 1					
APPRO	VED		TITLE	SCALE						
DE API	PR.	-14	AS350B3e APPLICA	ABILITY	NTS					
DATE	11.0	8.03	COPYRIGHT © 2011 BY DA THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SU NOT TO BE USED FOR ANY PURPOSE OR COPED OR COM-	IPPLIED ON THE EXPRES IMUNICATED TO ANY OT	S CONDITION THAT IT IS					